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|--|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|
| | 504 | (((((427\$.ccls. 438\$.ccls. 118/723\$.ccls.) and (oxygen with (peak wavelength))) not (((427\$.ccls. 438\$.ccls.) and (oxygen same (spectrometer spectrometry spectral spectroscopy spectrum) same peak)) not (((427/579).CCLS.) and (spectrometer spectrometry spectral spectroscopy spectrum)))) not (((427/579).CCLS.) and (spectrometer spectrometry spectral spectroscopy spectrum)))) not (((h01l021\$.ipc. c23c016\$.ipc.) and (spectrometer spectrometry spectral spectroscopy)) and oxygen)) not ((118/723\$.ccls.) and (oxygen with (peak wavelength))) | USPAT | 2003/08/09 19:41 |
| | 374 | (((((427\$.ccls. 438\$.ccls. 118/723\$.ccls.) and (oxygen with (peak wavelength))) not (((427\$.ccls. 438\$.ccls.) and (oxygen same (spectrometer spectrometry spectral spectroscopy spectrum) same peak)) not (((427/579).CCLS.) and (spectrometer spectrometry spectral spectroscopy spectrum)))) not (((427/579).CCLS.) and (spectrometer spectrometry spectral spectroscopy spectrum)))) not (((h01l021\$.ipc. c23c016\$.ipc.) and (spectrometer spectrometry spectral spectroscopy)) and oxygen)) not ((118/723\$.ccls.) and (oxygen with (peak wavelength))) and silicon | USPAT | 2003/08/09 19:42 |
| | 106 | 118/712.ccls. and (spectrometer spectrometry spectral spectroscopy spectrum) | USPAT | 2003/08/09 19:52 |
| | 1 | "20020006478" | US-PGPUB | 2003/08/09 20:04 |
| | 12 | ("5376628" or ("5304250") or ("6383299") or ("6074568") or ("5733820") or ("5962083") or ("5364665") or ("5518759") or ("6366346") or ("5496410") or ("6211035") or ("5753320")).PN. | USPAT; EPO; JPO | 2003/08/09 20:08 |
| | 1 | ("5279865").PN. | USPAT; EPO; JPO | 2003/08/09 20:09 |
| | 1 | "11233502" | USPAT; EPO; JPO | 2003/08/09 20:11 |
| | 1 | "08298257" | USPAT; EPO; JPO | 2003/08/09 20:14 |
| | 1 | "11168094" | USPAT; EPO; JPO | 2003/08/09 20:15 |
| | 5 | "5391665" | USPAT; EPO; JPO | 2003/08/09 20:15 |
| | 1 | "53091665" | USPAT; EPO; JPO | 2003/08/09 20:15 |
| | 1 | ("4888199").PN. | USPAT; EPO; JPO | 2003/08/11 10:24 |
| | 1 | ("6044792").PN. | USPAT; EPO; JPO | 2003/08/11 12:34 |
| | 5 | ("5753320" or ("5518759") or ("5364665") or ("6044792") or ("5962083")).PN. | USPAT; EPO; JPO | 2003/08/11 12:35 |
| | 2844 | thermoelectric with cool\$3 | JPO; DERWENT | 2004/01/28 12:08 |
| | 41 | (thermoelectric with cool\$3) and (spectrum spectrometer spectrometry spectroscopy spectroscope interference interferometer interferometry) | JPO; DERWENT | 2004/01/28 12:38 |
| | 8 | thermoelectric with cool\$3 with ("CCD" "charge coupled device" "charged coupled device") | JPO; DERWENT | 2004/01/28 12:14 |
| | 64 | thermoelectric with cool\$3 with ("CCD" "charge coupled device" "charged coupled device") | USPAT | 2004/01/28 12:15 |
| | 36 | (thermoelectric with cool\$3 with ("CCD" "charge coupled device" "charged coupled device")) and (spectrum spectrometer spectrometry spectroscopy spectroscope interference interferometer interferometry) | USPAT | 2004/01/28 12:15 |
| | 58 | (156/345.45).CCLS. | USPAT | 2004/01/28 12:49 |
| | 160 | (118/723er).CCLS. | USPAT | 2004/01/28 12:49 |
| | 288 | multichannel with (spectrometer spectrometry spectroscopy spectroscope) | USPAT | 2004/01/28 16:25 |
| | 11 | multichannel with (spectrometer spectrometry spectroscopy spectroscope) same "CCD" | USPAT | 2004/01/28 16:24 |
| | 1 | multichannel with (spectrometer spectrometry spectroscopy spectroscope) same "CCD" | EPO; JPO; DERWENT | 2004/01/28 16:24 |

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|--|-----|-----------------------------------------------------------------------------------------------------------------|-------------------|------------------|
| | 14 | (multichannel with (spectrometer spectrometry spectroscopy spectroscope)) same cool\$3 | USPAT | 2004/01/28 16:25 |
| | 146 | multichannel with (spectrometer spectrometry spectroscopy spectroscope) | EPO; JPO; DERWENT | 2004/01/28 16:40 |
| | 6 | (multichannel with (spectrometer spectrometry spectroscopy spectroscope)) and (h01I021\$.ipc. c23c016\$.ipc.) | EPO; JPO; DERWENT | 2004/01/28 16:30 |
| | 2 | (multichannel with (spectrometer spectrometry spectroscopy spectroscope)) and ("charge coupled detector" "CCD") | EPO; JPO; DERWENT | 2004/01/28 16:35 |
| | 2 | (multichannel with (spectrometer spectrometry spectroscopy spectroscope)) and cool\$3 and detect\$3 | EPO; JPO; DERWENT | 2004/01/28 16:36 |
| | 296 | multichannel with (spectrometer spectrometry spectrum) | EPO; JPO; DERWENT | 2004/01/28 16:41 |
| | 97 | multichannel with (spectrometer spectrometry) | EPO; JPO; DERWENT | 2004/01/28 16:41 |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|-----------------------------------------------------------------------------------------------------------------------------------|-------|------------------|
| 1 | 1503 | ((118/723ir) or (118/723er) or (118/723me) or (156/345.35) or (118/712) or (156/345.24) or (156/345.25)).CCLS. | USPAT | 2004/01/29 16:27 |
| 2 | 54 | ((118/723ir) or (118/723er) or (118/723me) or (156/345.35) or (118/712) or (156/345.24) or (156/345.25)).CCLS.) not @pd<=20030801 | USPAT | 2004/01/29 16:27 |